

# PRACTICAL ADVICE ABOUT DIVERSIFIED FARMING

**Cotton Cultivation.**  
With rich soil more space will be required between the rows; with thinner soil, less.  
The general rule for spacing rows is that the distance between the rows shall be a little more than the height of the cotton on the land in average years. Where cotton usually grows two or three feet high the rows should be from three and one-half to four feet apart. Where cotton normally grows about three and one-half feet high plant in rows four feet apart. Where it grows four or five feet high put the rows five feet apart. It is better to have the spaces between the rows a little too wide than too narrow. Air and sunlight are of the greatest importance in pushing the cotton to maturity.

fertile and strong lands there should be a good distance between the cotton rows, but the plants may be slightly crowded in the rows with good results.

Plant early-maturing varieties of cotton. Some large-boll varieties are even better than the small-boll cottons under weevil conditions because of a thicker calyx, and consequently the half-grown bolls are less likely to be punctured by the weevil.

If fertilizers are used, the following general rule should govern: On rich lands use mainly fertilizers that will stimulate the fruit and not the stalk growth. On lighter lands use more of the elements to force growth, combined with others which will mature the fruit.

High-grade fourteen per cent. acid phosphate may be considered a basis for increasing fruit and hastening maturity of crops. Even on the richest land it has been demonstrated that a small percentage of nitrogen added to the acid phosphate gives better results. Mix three parts of acid phosphate and one part of cottonseed meal. This we will call "No. 1."

A mixture of one part of cottonseed meal to two parts of high-grade acid phosphate will greatly increase the growing condition and will be better for medium soils. This we will call "No. 2."

Air-slaked lime is of value for use on stiff or gummy soils to loosen them up, permit the air to enter, and prevent a sour condition of such soils when too wet.

On thin or impoverished soils equal quantities of cottonseed meal and acid phosphate can be used to advantage. This is "No. 3."

In case the foregoing can not be obtained, standard-grade commercial fertilizers may be used. These should contain in the mixture eight to ten per cent. of available phosphoric acid, two to three per cent. of nitrogen, and one and one-half to two per cent. of potash, or on some lands a high-grade acid phosphate, fourteen per cent., may be used.

On black, waxy land the best practice is to have the cotton follow a crop of cowpeas.

Where lands are greatly worn by years of cropping, more fertilizer should be used to the acre, and it should contain about equal parts of cottonseed meal and high-grade acid phosphate. The beneficial effect of commercial fertilizers depends largely upon the presence of humus in the soil; hence the importance of using stable manure and plowing under green crops.

In applying the foregoing instructions the farmer must use considerable judgment and modify his practice where necessary to fit local conditions.

## Raise Your Own Meat.

Years ago I wrote of visiting a man's farm, where all the land was in cotton right up to the house standing unpainted in a bare field. A hopeless looking woman was frying some Western bacon for the dinner, while the man toiled in the cotton. And I got to thinking over the matter. There was no stock on the place but the mules that worked the cotton. And as I saw that bacon I thought that some farmer out West raised that hog, and probably made something out of it. Some railroad carried it to Chicago, and certainly made money. Some packer bought and cured the meat, and grew to be a millionaire. Another railroad brought it South and paid dividends by doing it. Some merchant bought it, and sold it to that man out there in the cotton field at a big profit—and he works all summer in the cotton making all these people prosperous out of his one crop, while at the end of the year he is as poor as ever, and his land grows less and less productive, while he might have made all those profits himself in raising the bacon at home.

The Western farmer makes corn, the merchant haul it, the merchant hauls it and sells it to the man who could raise the corn at more profit than the Western farmer if he improved his land. Yet he goes on in the old hopeless way, imagining that cotton is the only thing to get money out of, and that corn, oats and wheat are only "supplies," and the Western farmer gets rich supplying him.

## Here and There.

The man who makes the proposition should be studied as closely as the proposition itself.

Your mistake often is as big as the other fellow's—but the other fellow's looks worse.

Women spend most of the money, otherwise there would not be enough to do business with.

It takes a wise man to teach another to do right, but a fool can show him how to do wrong.

When will the cotton farmer get out of this slavery to everybody else? Not till he goes to farming just as the Northern and Western farmers do. He has a crop that is far superior as a money crop to any they have, and a crop that fits into an improving rotation of crops fully as well as any they have North or West, and while they get rich in sending him "supplies" he gets poor furnishing the crop that maintains the trade balance between this country and Europe, and selling the cottonseed that fatten the cattle that make the meat he buys in various forms.

Now, then, is the time to resolve to change all this. Plan a rotation for your farm and stick to it, grow plenty of forage and make manure, and when you once have manure enough to cover a cornfield you will be on the road out of this slavery to the North and West.

Nine-tenths of the letters I get from farmers ask what fertilizer I shall use for this, that or the other crop, when the man who farms right will need to buy little, and that only of the mineral forms of acid phosphate and potash, or but one of these, perhaps.

I have been hammering away at this for many years, and yet how few have taken the idea. But I do hear now and then from farmers who have broken loose from the old ruts, and are succeeding. Would to God that I could get all of them to do so!—Professor Massey, in Progressive Farmer.

## Protein in a Ration For Cows.

J. H. R. Schell, W. Va., writes: I am feeding milk cows equal parts of cornmeal and bran. Would an addition of cottonseed meal be beneficial? How should it be fed in proportion to the cornmeal and bran? Is there any danger attending the feeding of cottonseed meal?

Answer by Professor Soule: Your grain ration would be improved by making it equal parts of cornmeal, bran and cottonseed meal. Presuming that you are feeding as much as ten to twelve pounds of grain a day to a cow weighing 800 to 1000 pounds the mixture might consist of four pounds of cornmeal three pounds of wheat bran and three pounds of cottonseed meal.

We have fed a ration of two-thirds cornmeal and cottonseed meal to cows with very good results, particularly where we were maintaining them on silage and feeding some leguminous hay derived from clover, alfalfa or cowpeas. Cottonseed meal can easily be fed to cows without any danger whatever if rationally used. You should remember, however, that a pound of cottonseed meal contains more than three times as much digestible protein as a pound of wheat bran, and that it is, therefore, a very concentrated food-stuff, and can not be fed carelessly or in too large amounts without a likelihood of deranging the digestive organs of your cows. Those who have fed cottonseed meal and found it unsatisfactory have generally not handled it in an intelligent manner. While three pounds is about the right amount to feed a cow per day, even four or five pounds have been fed for long periods without injury under good management. We would prefer to see the cottonseed meal limited to two or three pounds per head per day, as its great virtue is to supply protein to balance up the corn and other one-sided grain crops produced on the majority of our farms.

## A Convenient Portable Fence.

The panels in the portable fence shown here are made of four-inch fencing, fourteen feet long, with six-inch spaces between the boards, thus making a fence three feet high by allowing the cleats to project two inches. If the fence is to be used for pigs the lower space may be reduced to four inches and the upper one increased to eight inches. The fence is held in place by triangular frames. The ends of the panel overlap about six inches and fit into notches for the top and bottom boards. The brace should be on the outside of the lot. It may be necessary in some cases to stake the panels at the braces to secure greater stability.

## Provers and Phrases.

He that knows most, grieves most for wasted time.—Dante.

Charm strikes the slight, but merit wins the soul.—Anon.

Look around the habitable world, how few know their own good, or, knowing it, pursue.—Dryden.

It is curious to see how the space clears around a man of decisive spirit and leaves him room and freedom.—John Foster.

## How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & Co., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by his firm. WALTER D. KELSO, Wholesale Druggist, Toledo, O. HALL'S CATARRH CURE is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price, 75c. per bottle. Sold by all Druggists. Take Hall's Family Pills for constipation.

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A marvelously constructed instrument, delicate in the extreme, responding to the slightest influence. What a crime against nature to drug the eye. Everyday eye troubles are speedily cured by applying externally Dr. Mitchell's pure, harmless, soothing Eye Salve. 25 cents. Ask the druggist.

A man is not to be known till he takes a wife.—French.

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If you have pains in the back, urinary bladder or kidney trouble, and want a pleasant herb cure for woman's ills, try Mother Gray's Australian Leaf. It is a reliable regulator. All Druggists 50 cts. Sample FREE. The Mother Gray Co., Le Roy, N. Y.

One may come soon enough to an ill market.—German.

For HEADACHE—HICKS' CAPSULES. Whether from Colds, Heat, Stomach or Nervous Troubles, Capsules will relieve you. It's liquid—pleasant to take—acts immediately. Try it, 10c., 25c., and 50c. at drug stores.

A friend to everybody is a friend to nobody.—Spanish.

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Pain Ointment is guaranteed to cure any case of Itching, Humid, Bleeding or Prurulent Piles in 6 to 14 days or money refunded, 50c.

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Itch cured in 30 minutes by Woolford's Sanitary Lotion. Never fails. At druggists.

Seldom is a smooth tongue without a sting behind.—Irish.

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of the California Fig Syrup Co. and the scientific attainments of its chemists have rendered possible the production of Syrup of Figs and Elixir of Senna, in all of its excellence, by obtaining the pure medicinal principles of plants known to act most skillfully, in the right proportions, with its wholesome and refreshing Syrup of California Figs.

As there is only one genuine Syrup of Figs and Elixir of Senna and as the genuine is manufactured by an original method known to the California Fig Syrup Co. only, it is always necessary to buy the genuine to get its beneficial effects.

A knowledge of the above facts enables one to decline imitations or to return them if, upon viewing the package, the full name of the California Fig Syrup Co. is not found printed on the front thereof.

A feast is worth nothing without its conversation.—Irish.

## IN AGONY WITH ECZEMA.

Whole Body a Mass of Raw, Bleeding, Torturing Humors. Hoped Death Would End Fearful Suffering—In Despair: Cured by Cuticura.

"Words cannot describe the terrible eczema I suffered with. It broke out on my head and feet spreading until it covered my whole body. I was almost a solid mass of sores from head to foot. I looked more like a piece of raw beef than a human being. The pain and agony I endured seemed more than I could bear. Blood and pus oozed from the great sores on my scalp, from under my finger nails, and nearly all over my body. My ears were so eroded, as I swollen I was afraid they would break off. Every hair in my head fell out. I could not sit down, for my clothes would stick to the raw and bleeding flesh, making me cry out from the pain. My family doctor did all he could, but I got worse and worse. My condition was awful. I did not think I could live, and wanted death to come and end my frightful sufferings.

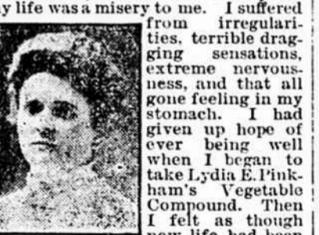
"In this condition my mother-in-law begged me to try the Cuticura Remedies. I said I would, but had no hope of recovery. But oh, what a blessed relief I experienced after applying Cuticura Ointment. It cooled the bleeding and itching flesh and brought me the first real sleep I had had in weeks. It was as grateful as ice to a burning tongue. I would bathe with warm water and Cuticura Soap, then apply the Ointment freely. I also took Cuticura Resolvent for the blood. In a short time the sores stopped running, the flesh began to heal, and I knew I was to get well again. Then the hair on my head began to grow, and in a short time I was completely cured. I wish I could tell everybody who has eczema to use Cuticura. Mrs. Wm. Hunt, 135 Thomas St., Newark, N. J., Sept. 28, 1908." Potter Drug & Chem. Corp., Sole Props. of Cuticura Remedies, Boston, Mass.

A drop of fortune is worth a cask of wisdom.—Latin.

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Cured by Lydia E. Pinkham's Vegetable Compound

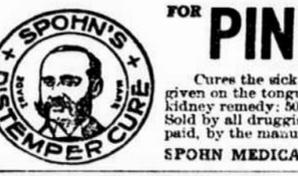


Baltimore, Md.—"For four years my life was a misery to me. I suffered from irregularities, terrible dragging sensations, extreme nervousness, and that all gone feeling in my stomach. I had given up hope of ever being well when I began to take Lydia E. Pinkham's Vegetable Compound. Then I felt as though new life had been given me, and I am recommending it to all my friends."—Mrs. W. S. Ford, 1938 Lansdowne St., Baltimore, Md.

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If you are suffering from any of these ailments, don't give up hope until you have given Lydia E. Pinkham's Vegetable Compound a trial.

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SHAFTING, PULLEYS, BELTS  
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Restores color, hair to natural color. Removes dandruff and seborrheic eruptions. Prevents the hair from falling out. For sale by Richmond, Lynchburg, Va., and Baltimore, Md. Druggists or sent direct by KANTHINE COMPANY, RICHMOND, VA. \$1 per bottle. Sample bottle 25c by mail. Circulars sent on request.

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